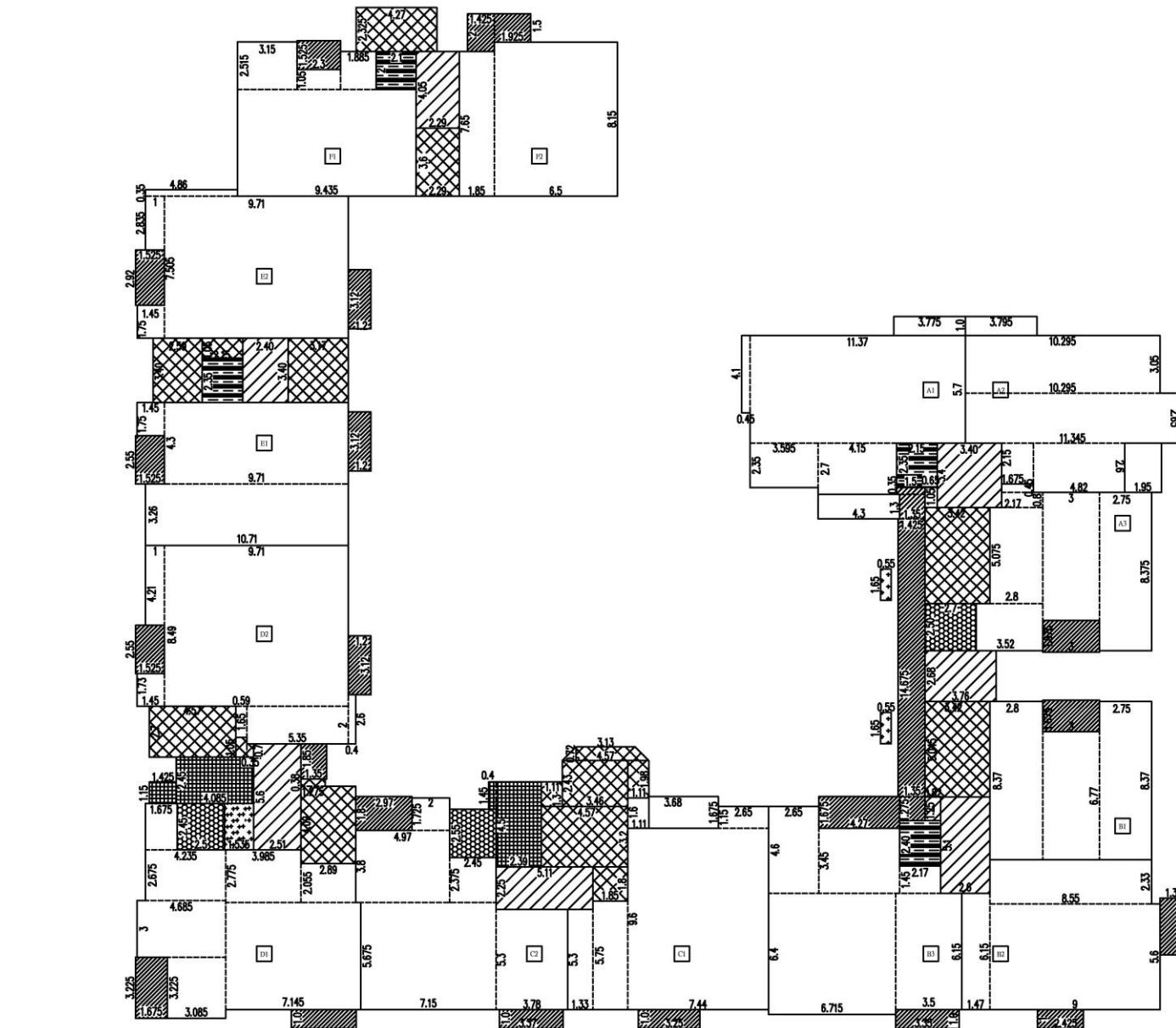


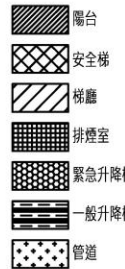


八 步行距離檢討

A1	L=4.52+7.92+2.93+1.47+0.85=17.69M < 40M
A2	L=4.61+6.23+3.45+1.47+0.85=16.61M < 40M
A3	L=3.81+3.49+4.67+3.31+1.47+0.85=17.6M < 40M
B1	L=1.97+5.98+6.85+1.02+0.75=16.57M < 40M
B2	L=4.6+6.55+5.22+1.05+1.02+0.75=19.19M < 40M
B3	L=4.63+4.69+3.45+2.61+1.05+1.02+0.75=18.2M < 40M
C1	L=4.7+6.82+1.32+1.52=14.36M < 40M
C2	L=9.61+4.4=14.01M < 40M
D1	L=4.01+4.49+7.78+0.71=16.99M < 40M
D2	L=4.51+2.48+2.34+3.3+2.77=15.4M < 50M
E1	L=4.5+5.78+0.87=11.15M < 50M
E2	L=3.56+1.93+6.69+1.94=12.18M < 50M
F1	L=4.3+5.75+0.71=10.76M < 50M
F2	L=4.3+5.75+0.71=10.76M < 50M
A1	L=4.52+7.92+2.93+1.47+0.85=17.69M < 20M
A2	L=4.61+6.23+3.45+1.47+0.85=16.61M < 20M
A3	L=4.46+2.57+4.63+2.48+1.47+0.85=16.46M < 20M
B1	L=4.57+2.96+7.69+1.02+0.75=16.99M < 20M
B2	L=4.6+6.55+5.22+1.05+1.02+0.75=19.19M < 20M
B3	L=4.63+4.69+3.45+2.61+1.05+1.02+0.75=18.2M < 20M
C1	L=4.7+6.82+1.32+1.52=14.36M < 20M
C2	L=9.61+4.4=14.01M < 20M
D1	L=4.01+4.49+7.78+0.71=16.99M < 20M
D2	L=4.58+8.07+0.98=13.63M < 20M
E1	L=4.51+2.48+2.34+3.3=12.63M < 50M
E2	L=4.5+5.78=10.28M < 50M
F1	L=3.56+1.93+6.69+1.94=12.18M < 50M
F2	L=4.3+5.75+0.71=10.05M < 50M

九 採光面積檢討

A1	2.4x2.5+1x1.75+2.2x2.5+2.8x2.5+2.8x2.5+1x1.75=29.00M² > 77.83/8=9.73 ...OK
A2	2.4x2.5+2.4x2.5+2.4x2.5+0.9x1.3+1.6x1.5=21.57M² > 70.06/8=8.76 ...OK
A3	2.2x2.5+2x2.5+0.84x2.5+1x2.5+1.2x1.5=16.90M² > 60.73/8=7.59 ...OK
B1	2.4x2.5+1.8x2.5+0.84x2.5+1x2.5+1.4x1.5=17.20M² > 58.64/8=7.33 ...OK
B2	2.4x2.5+2.4x2.5+2.2x2.5+1.4x1.8+1x1.75+1.6x1.4=24.01M² > 71.44/8=8.93 ...OK
B3	2.4x2.5+2.4x2.5+2.4x2.5+2x2.5+1.6x1.5=25.40M² > 85.35/8=10.67 ...OK
C1	2.4x2.5+2.4x2.5+2.4x2.5+2x2.5+1.6x1.5=25.40M² > 82.94/8=10.37 ...OK
C2	2.4x2.5+2.4x2.5+2.4x2.5+1.6x1.5+1x1.75=22.15M² > 78.75/8=9.84 ...OK
D1	2.2x2.5+2.4x2.5+1.6x1.5+2x1.5+2x2.5+1.4x2.5=25.40M² > 89.55/8=11.19 ...OK
D2	1.4x1.5+2.8x2.5+2.6x2.5+2x1.5+1.6x1.5=21.00M² > 93.27/8=11.66 ...OK
E1	2.8x2.5+2.8x2.5+2x2.5+1.6x1.5+1x1.75=23.15M² > 70.61/8=8.83 ...OK
E2	2.8x2.5+2.8x2.5+2.4x2.5+1.6x1.5+1x1.75=24.15M² > 70.96/8=8.87 ...OK
F1	2.4x2.5+2.4x2.5+1.8x2.5+2.2x2.5=22.00M² > 59.59/8=7.45 ...OK
F2	2.2x2.5+2.2x2.5+2.6x2.5+2.2x2.5+0.9x2.5=25.25M² > 57.58/8=7.20 ...OK



一、十二 各戶 樓地板面積計算

室內面積		
A1	4.1x0.45+3.595x2.35+5.7x1.37+4.15x2.7	= 86.31M²
A2	10.295x3.05+11.345x2.65+1.675x2.15+2.6x4.82	= 77.60M²
A3	0.8x2.17+2.8x5.075+2.5x3.52+6.775x3+8.375x2.75+0.45x1.675	= 68.86M²
B1	8.37x2.8+6.77x3+2.75x8.37	= 66.77M²
B2	6.15x1.47+8.55x2.33+5.6x9	= 79.36M²
B3	4.6x2.65+4.27x3.45+6.715x6.4+1.45x2.17+3.5x6.15	= 94.57M²
C1	1.85x5.75+5.3x1.33+7.44x9.6+1.15x2.65	= 92.16M²
C2	2x1.725+3.8x4.97+2.45x2.375+7.15x5.675+3.78x5.3	= 88.77M²
D1	1.675x2.45+2.675x4.235+3x4.685+3.985x2.775+3.225x3.085+2.89x2.055+7.145x5.675	= 96.98M²
D2	4.21x1+1.73x1.45+8.49x9.71+0.59x1.65+5.35x2+2.6x0.4	= 101.87M²
E1	1.75x1.45+4.3x9.71+10.71x3.26	= 79.21M²
E2	2.835x1+4.86x0.35+7.505x9.71+1.75x1.45	= 79.95M²
F1	2.515x3.15+2.3x1.05+1.885x2+9.435x5.65	= 67.42M²
F2	7.65x1.85+6.5x8.15	= 67.13M²
小計:		= 1146.96M²

陽合面積		
A1	1.0x3.775+4.3x1.3	= 9.37M²
A2	3.795x1.0+1.95x2.6	= 8.87M²
A3	3x1.675	= 5.03M²
B1	3x1.675	= 5.03M²
B2	2.425x1+3.0x1.35	= 6.48M²
B3	4.27x1.675+3.35x1.0	= 10.50M²
C1	3.68x1.675+1.11x1.6+3.25x1.0	= 11.19M²
C2	2.97x1.8+1.0x3.37	= 8.72M²
D1	3.225x1.675+1.0x3.425	= 8.83M²
D2	1.525x2.55+3.12x1.2	= 7.63M²
E1	1.525x2.55+3.12x1.2	= 7.63M²
E2	2.92x1.525+3.12x1.2	= 8.20M²
F1	2.3x1.525	= 3.51M²
F2	2x1.425+1.925x1.5	= 5.74M²
A,B棟	0.35x1.5+1.35x1.3+1.425x14.675+1.35x1.275	= 24.91M²
D棟	1.35x1.85	= 2.50M²
小計:		= 134.14M²

梯廳面積計算		
A棟	0.65x1.05+3.4x3.4+3.76x2.68	= 22.32M²
B棟	0.82x1.25+5.1x2.6	= 14.29M²
C棟	2.25x5.11	= 11.50M²
D棟	5.6x2.51	= 14.06M²
E棟	2.4x3.4	= 8.16M²
F棟	2.29x4.05	= 9.27M²
小計:		= 79.60M²

梯廳不足2M面積計算		
A棟	0.65x1.05	= 0.68M²
B棟	0.82x1.25	= 1.03M²
小計:		= 1.71M²

樓面面積計算		
A棟	5.075x3.42	= 17.36M²
B棟	5.045x3.42	= 17.25M²
C棟	1.11x1.3+2.43x3.46+(4.57+3.13)x0.72/2+1.11x1.98+4.57x3.2+1.8x1.85	= 32.77M²
D棟	2.7x4.57+0.59x1.05+0.35x0.7+1.275x0.38+4.09x2.89	= 25.51M²
E棟	3.4x2.59+2.15x1.05+3.4x3.17	= 21.84M²
F棟	2.325x4.27+2.29x3.6	= 18.17M²
小計:		= 132.9M²

升降機面積計算		
A棟	2.35x2.15	= 5.05M²
B棟	2.4x2.17	= 5.21M²
E棟	2.35x2.15	= 5.05M²
F棟	2.1x2	= 4.20M²
小計:		= 19.51M²

緊急升降機面積計算		
A,B棟	2.7x2.5	= 6.75M²
C棟	2.45x2.55	= 6.25M²
D棟	2.5x2.45	= 6.13M²
小計:		= 19.13M²

排煙室面積計算		
C棟	4.5x2.39+1.45x0.4	= 11.34M²
D棟	2.45x4.085+1.425x1.15	= 11.65M²
小計:		= 22.99M²

設備間面積計算		
A,B棟	0.55x1.65x2	= 1.82M²
D棟	1.535x2.45	= 3.76M²
小計:		= 5.58M²

二、面積計算檢討

樓地板面積檢討		
1146.96+79.60+132.9+19.51+19.13+22.99+5.58	= 1426.67M²	
陽合免計容積面積檢討	134.14M²	< 1426.67x10%=142.67M² ...OK
梯廳免計容積面積檢討	79.60-1.71=77.89M²	< 1426.67x10%=142.67M² ...OK
陽合+梯廳免計容積面積檢討	134.14+77.89=212.03M²	< 1426.67x15%=214.00M² ...OK
設備間面積檢討	132.9+19.13+22.99+5.58=180.6M²	
當層容積樓地板面積檢討	1426.67-77.89-180.6=1168.18M²	(剩餘) (檢核)

三、當層戶數檢討 14戶

四、緊急升降機設置檢討

本棟A,B,C棟21層,高74.45M;D棟19層,高67.65M;E棟,設三座緊急升降機,梯廳面積十七人,速度每分鐘0.05公尺	
A,B棟 (11~21層) - 設置緊急升降機	(86.31+79.95+68.11+66.77+79.85+94.57)x11=5231.16 > 500M²
C棟 (11~21層) - 設置緊急升降機	(92.16+88.77)x11=1990.23M² > 500M²
D棟 (11~19層) - 設置緊急升降機	(96.98+101.87)x3+(96.98+91.70)x6=1728.63M² > 500M²
E棟 (11~13層) - 免設置	(79.21+79.95)x3=477.48M² < 500M²
F棟 (11~13層) - 免設置	(67.42+67.13)x3=403.65M² < 500M²

五、排煙室面積檢討

A,B棟	3.76x2.68=10.08M² > 10.00M²...OK
C棟	4.5x2.39+1.45x0.4=11.34M² > 10.00M²...OK
D棟	2.45x4.085+1.15x1.425=11.65M² > 10.00M²...OK

六、特別安全梯面積檢討

A,B棟	(17.36+17.25+10.08)=44.69M²
>	(77.83+71.87+59.98+58.64+71.44+85.35)x3%=12.75M²
C棟	(31.07+11.34)=42.41M² > (82.94+78.75)x3%=4.85M²
D棟	(25.51+11.65)=37.16M² > (89.55+93.27)x3%=5.48M²

七、居室面積計算

廚房面積		
A1	1.25x0.45+1.575x2.17+1.65x2.725	= 8.48M²
A2	1.675x2.175+1.675x2.325	= 7.54M²
A3	1.775x2.1+2.75x1.6	= 8.13M²
B1	1.775x2.1+2.75x1.6	= 8.13M²
B2	1.5x2.65+1.675x2.65	= 8.41M²
B3	1.625x2.4+1.6x3.325	= 9.22M²
C1	1.625x2.4+1.6x3.325	= 9.22M²
C2	3.355x1.6+2.695x1.725	= 10.02M²
D1	2.3x1.675+1.625x2.2	= 7.43M²
D2	2.235x3.85	= 8.60M²
E1	2.235x3.85	= 8.60M²
E2	1.675x0.35+1.81x4.1+0.415x2.36	= 8.99M²
F1	1.885x2.025+1.825x2.2	= 7.83M²
F2	1.675x2.675+3.825x1.325	= 9.55M²
居室面積		
A1	86.31-8.48	= 77.83M²
A2	77.6-7.54	= 70.06M²
A3	68.86-8.13	= 60.73M²
B1	66.77-8.13	= 58.64M²
B2	79.85-8.41	= 71.44M²
B3	94.57-9.22	= 85.35M²
C1	92.16-9.22	= 82.94M²
C2	88.77-10.02	= 78.75M²
D1	96.98-7.43	= 89.55M²
D2	101.87-8.60	= 93.27M²
E1	79.21-8.60	= 70.61M²
E2	79.95-8.99	= 70.96M²
F1	67.42-7.83	= 59.59M²
F2	67.13-9.55	= 57.58M²

圖11-30 十二層面積計算圖(S=1/300)

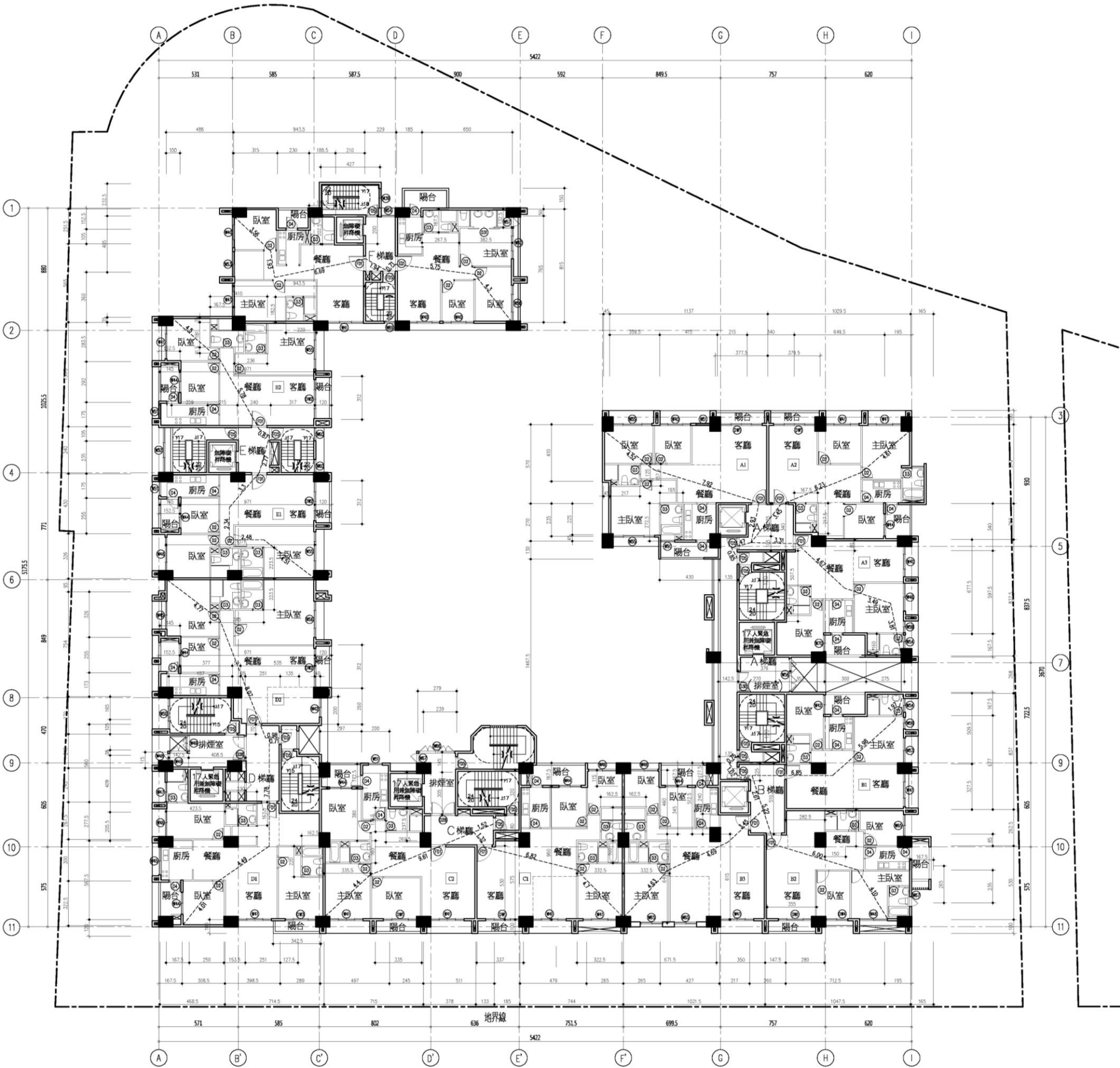


圖11-31 十三層平面圖(S=1/300)